

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041219\
 Data File : VD061793.D
 Acq On : 13 Apr 2019 00:15
 Operator : VA/AP
 Sample : VD0412SBL02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 13 00:42:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	480127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	805181	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	658217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	309255	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	209474	57.56	ug/l	-0.01
Spiked Amount						
			Recovery	=	115.12%	
35) Dibromofluoromethane	6.92	113	296808	53.21	ug/l	0.00
Spiked Amount						
			Recovery	=	106.42%	
50) Toluene-d8	10.40	98	659593	47.07	ug/l	0.00
Spiked Amount						
			Recovery	=	94.14%	
62) 4-Bromofluorobenzene	13.55	95	241211	48.70	ug/l	0.00
Spiked Amount						
			Recovery	=	97.40%	

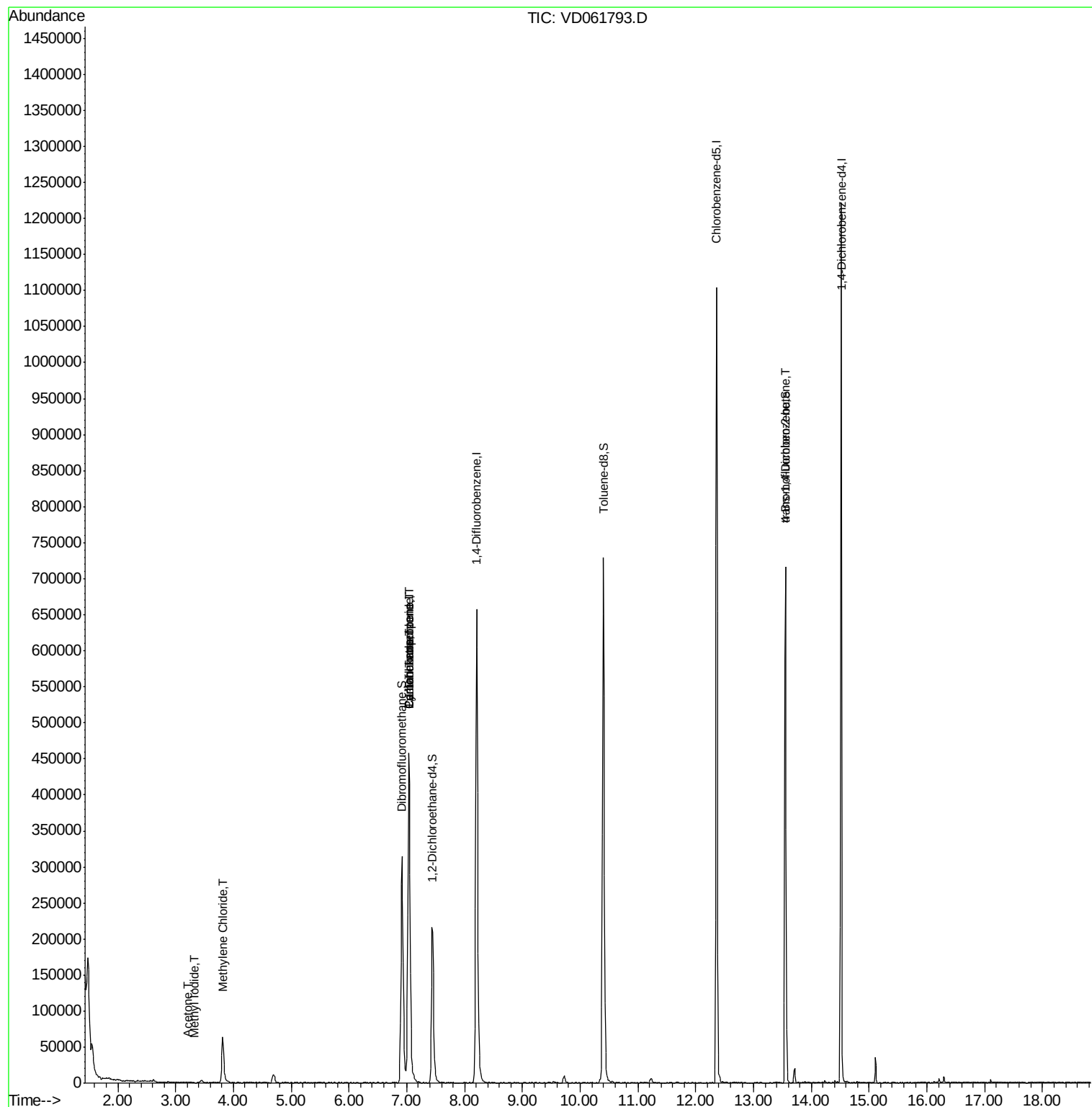
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.32	142	195	3.675	ug/l #	38
16) Acetone	3.22	43	2220	2.041	ug/l #	51
20) Methylene Chloride	3.82	84	46334	7.505	ug/l	94
31) Cyclohexane	7.04	56	8686	1.268	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	35843	5.086	ug/l #	46
38) Carbon Tetrachloride	7.04	117	47144	5.708	ug/l #	13
81) trans-1,4-Dichloro-2-buten	13.54	75	89519	70.114	ug/l #	20

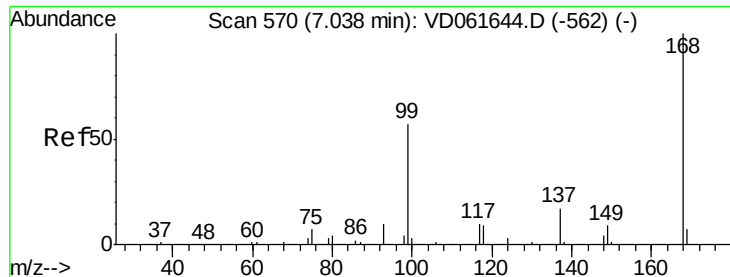
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041219\
Data File : VD061793.D
Acq On : 13 Apr 2019 00:15
Operator : VA/AP
Sample : VD0412SBL02
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 13 00:42:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD061793.D

Acq: 13 Apr 2019 00:15

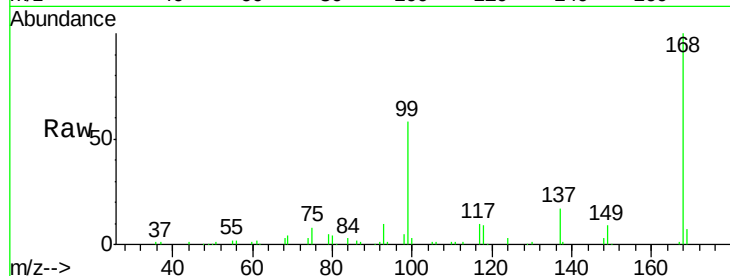
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 480127

Ion Ratio Lower Upper

168 100

99 58.3 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.04

150000

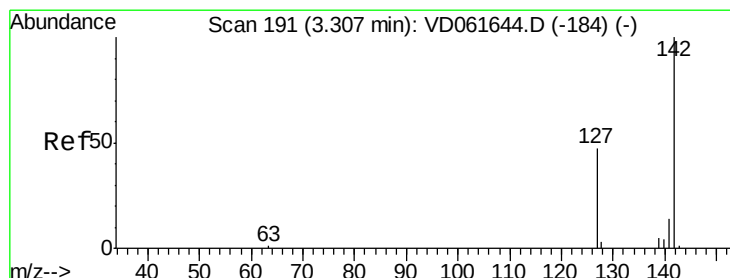
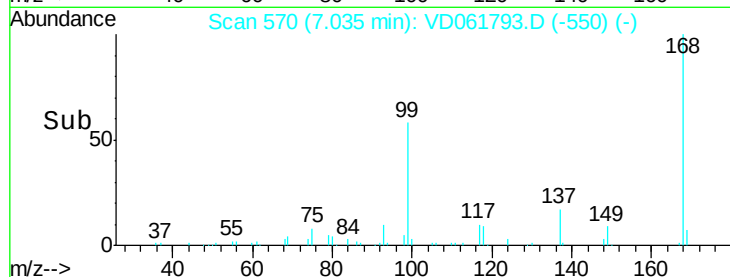
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#10

Methyl Iodide

Concen: 3.675 ug/l

RT: 3.32 min Scan# 193

Delta R.T. 0.02 min

Lab File: VD061793.D

Acq: 13 Apr 2019 00:15

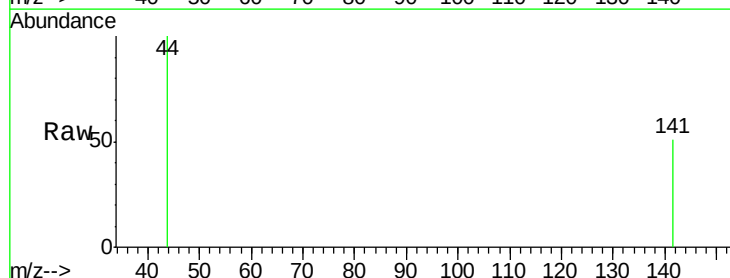
Tgt Ion:142 Resp: 195

Ion Ratio Lower Upper

142 100

127 0.0 37.2 55.8#

141 0.0 10.8 16.2#



Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

3.32

400

300

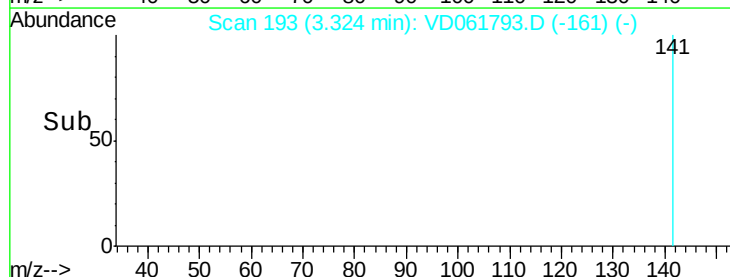
200

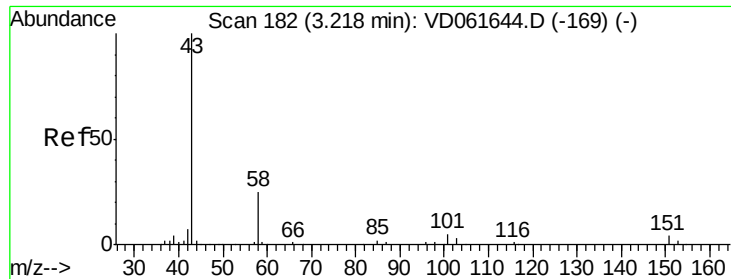
100

0

Time-->

3.30 3.32 3.34





#16

Acetone

Concen: 2.041 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD061793.D

Acq: 13 Apr 2019 00:15

Instrument :

MSVOA_D

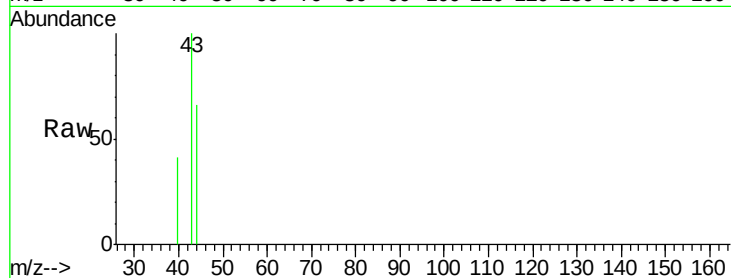
ClientSampleId :

Tot Ion: 43 Resp: 2220

Ion Ratio Lower Upper

43 100

58 0.0 19.7 29.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

800

600

400

200

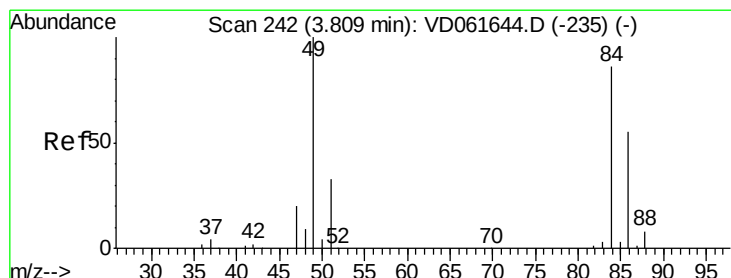
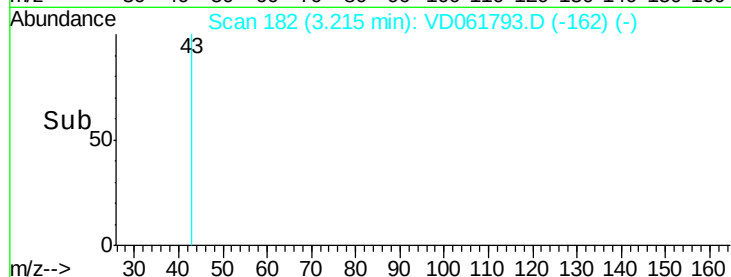
0

3.15

3.20

3.25

Time-->



#20

Methylene Chloride

Concen: 7.505 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD061793.D

Acq: 13 Apr 2019 00:15

Tgt Ion: 84 Resp: 46334

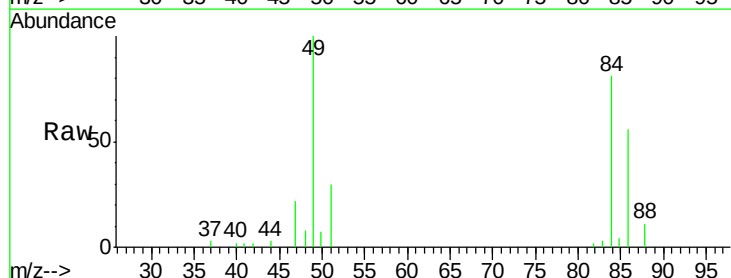
Ion Ratio Lower Upper

84 100

49 123.4 93.0 139.4

51 37.6 30.4 45.6

86 68.8 51.0 76.4



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

30000

25000

20000

15000

10000

5000

0

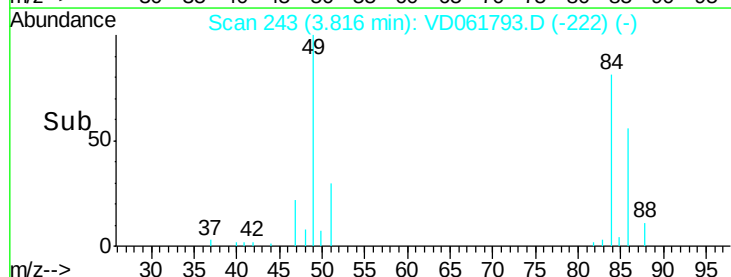
3.70

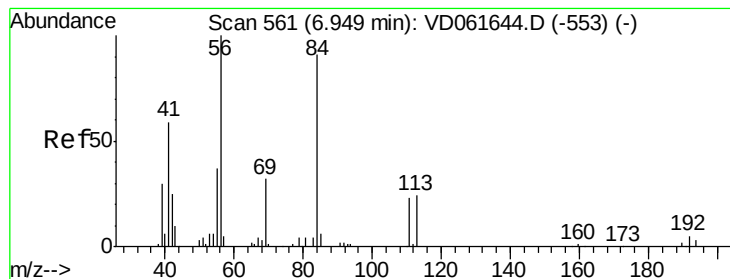
3.80

3.90

4.00

Time-->





#31

Cyclohexane

Concen: 1.268 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.10 min

Lab File: VD061793.D

Acq: 13 Apr 2019 00:15

Instrument :
MSVOA_D
ClientSampleId :

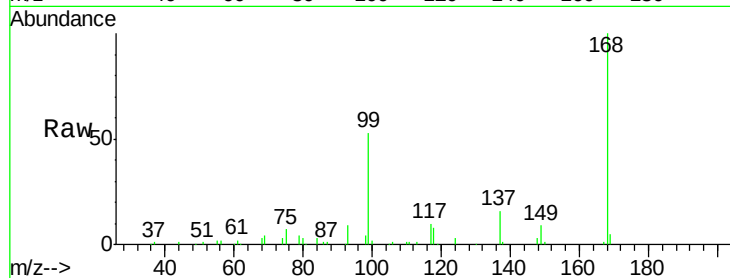
Tot Ion: 56 Resp: 8686

Ion Ratio Lower Upper

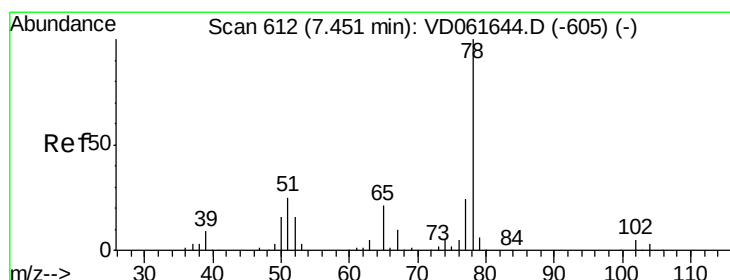
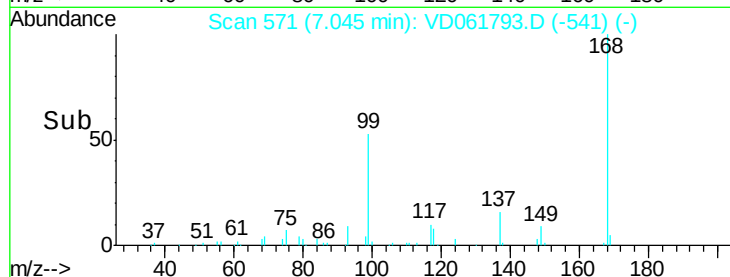
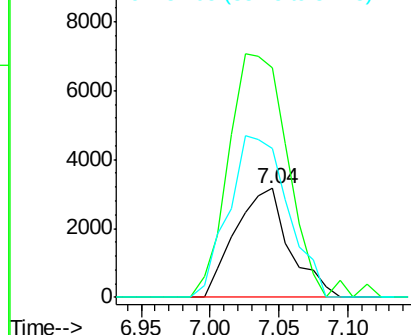
56 100

69 210.7 25.8 38.6#

84 136.8 74.2 111.2#



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD061793.D

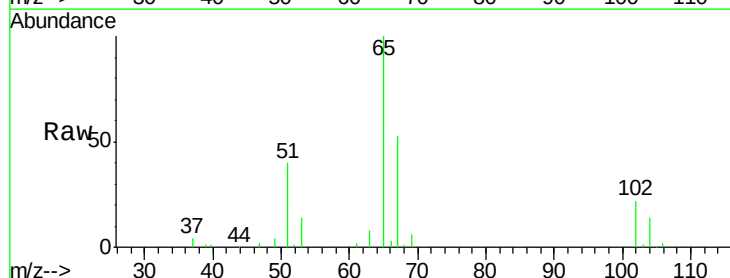
Acq: 13 Apr 2019 00:15

Tgt Ion: 65 Resp: 209474

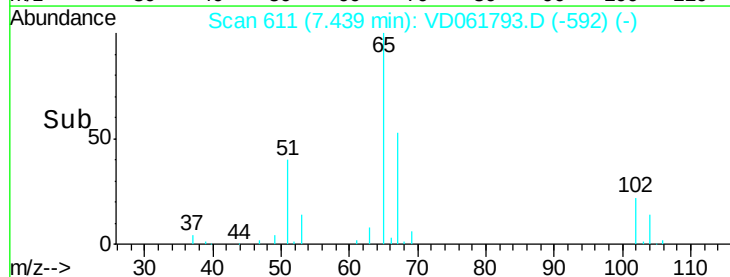
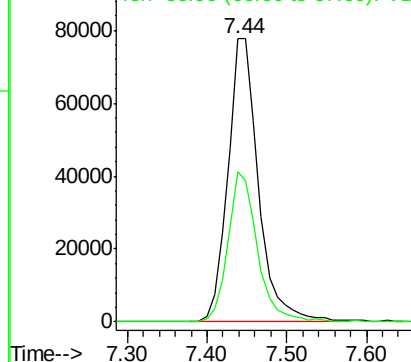
Ion Ratio Lower Upper

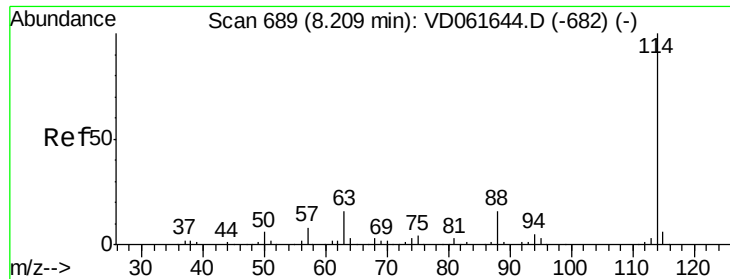
65 100

67 53.0 0.0 99.4



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

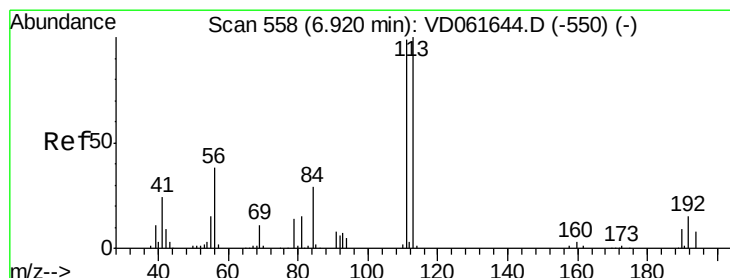
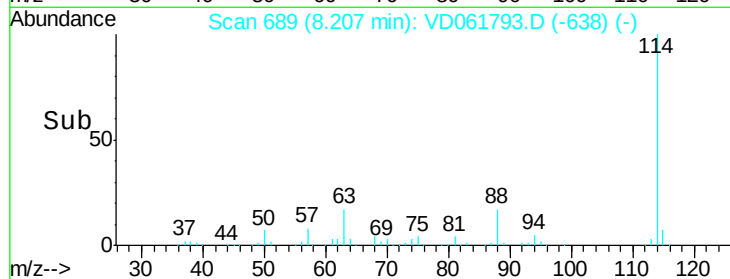
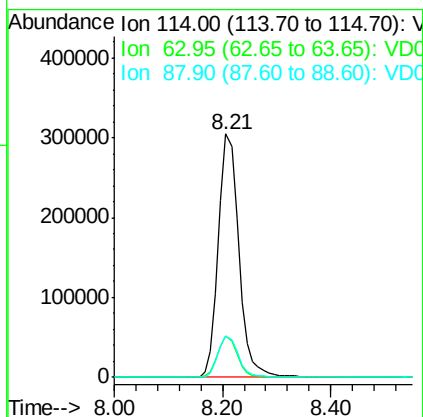
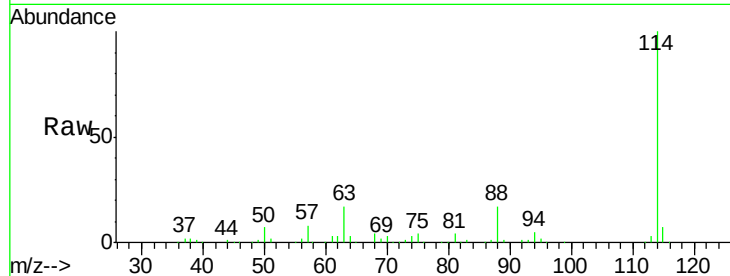




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VD061793.D
 Acq: 13 Apr 2019 00:15

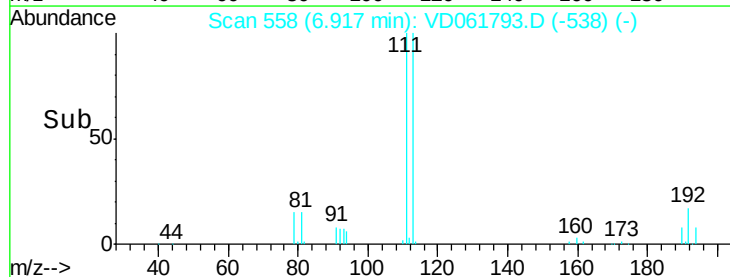
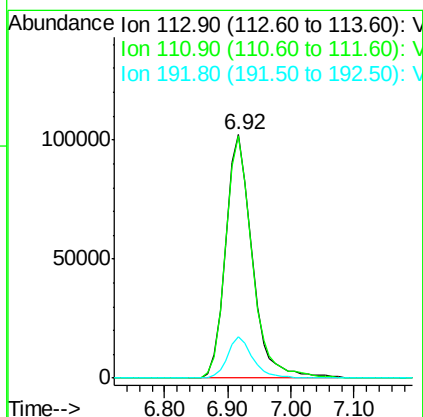
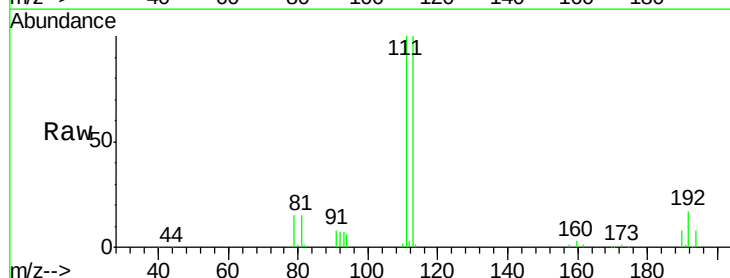
Instrument :
 MSVOA_D
 ClientSampleId :

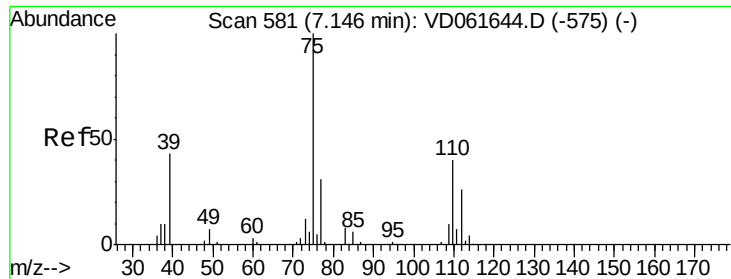
Tot Ion:114 Resp: 805181
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 31.2
 88 17.0 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: VD061793.D
 Acq: 13 Apr 2019 00:15

Tgt Ion:113 Resp: 296808
 Ion Ratio Lower Upper
 113 100
 111 99.6 79.3 118.9
 192 16.9 12.3 18.5

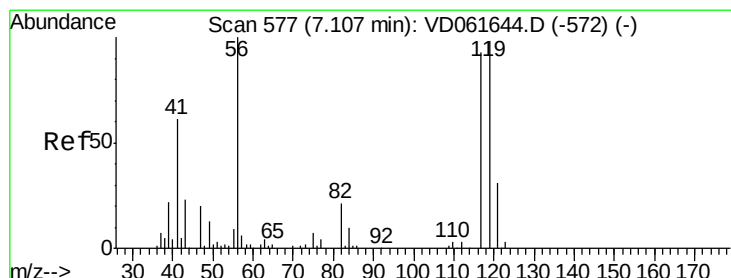
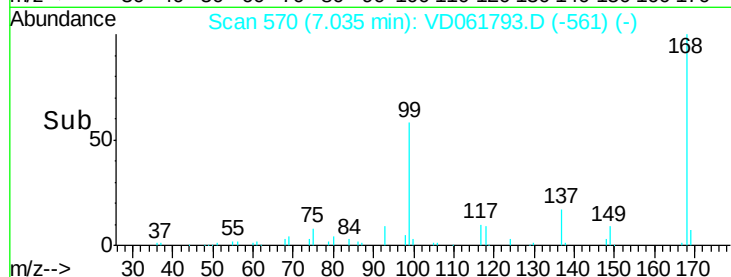
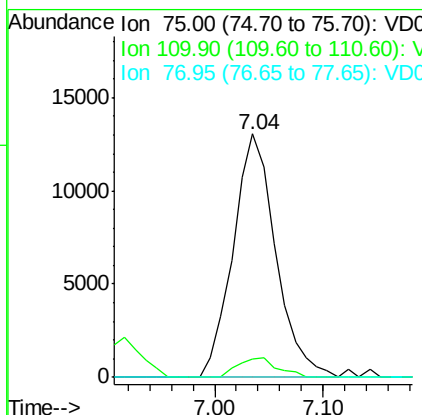
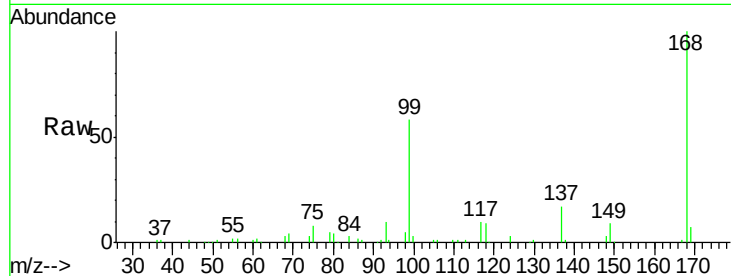




#36
 1,1-Dichloropropene
 Concen: 5.086 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.11 min
 Lab File: VD061793.D
 Acq: 13 Apr 2019 00:15

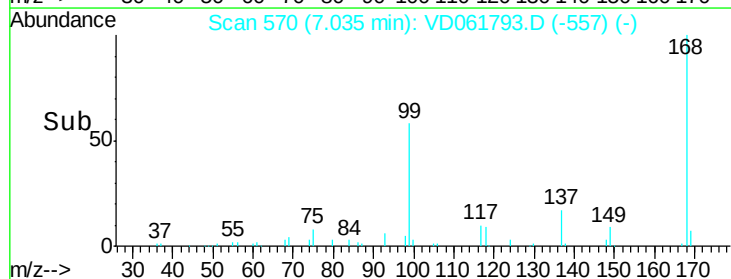
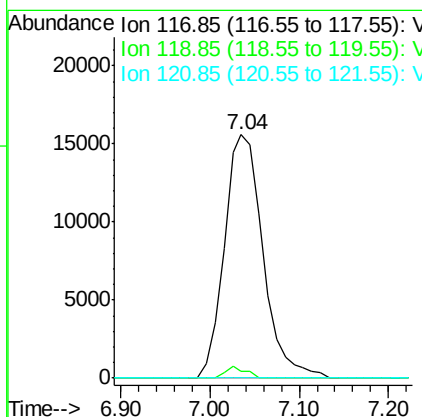
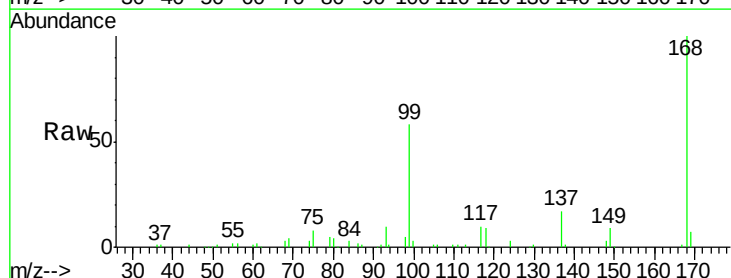
Instrument :
 MSVOA_D
 ClientSampleId :

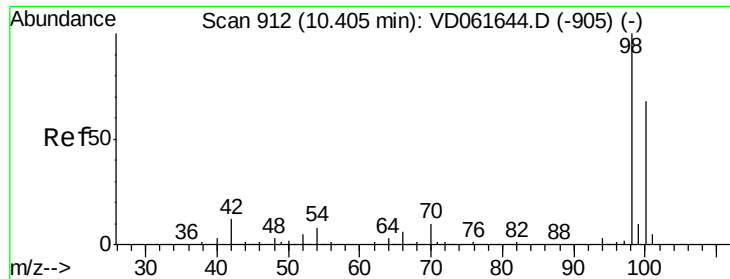
Tot Ion	75	Resp	35843
Ion	Ratio	Lower	Upper
75	100		
110	7.6	19.7	59.0#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.708 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.07 min
 Lab File: VD061793.D
 Acq: 13 Apr 2019 00:15

Tgt Ion	117	Resp	47144
Ion	Ratio	Lower	Upper
117	100		
119	2.7	77.9	116.9#
121	0.0	24.7	37.1#

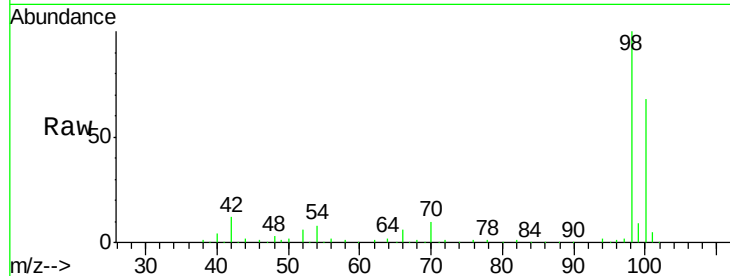




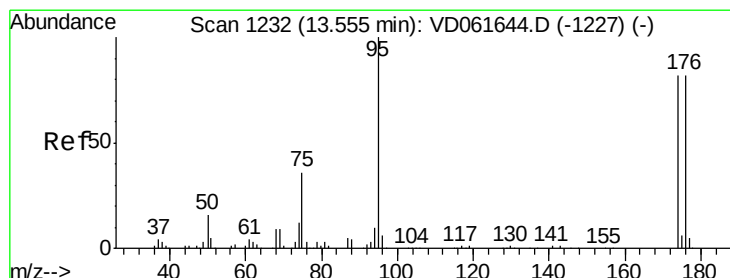
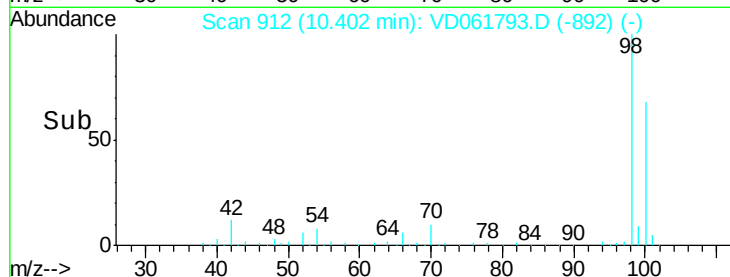
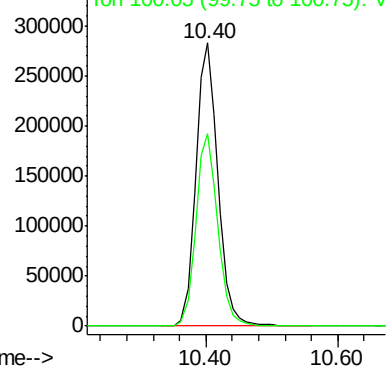
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD061793.D
Acq: 13 Apr 2019 00:15

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 659593
Ion Ratio Lower Upper
98 100
100 68.2 55.4 83.0

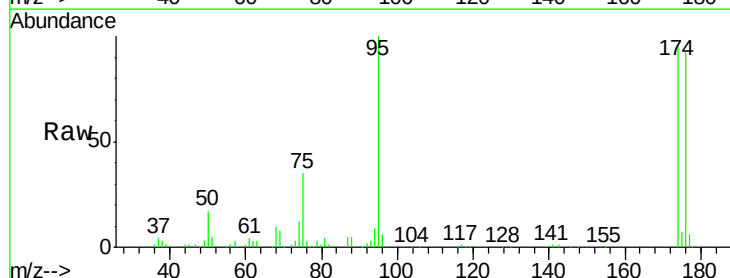


Abundance Ion 98.05 (97.75 to 98.75): VD061644.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD061644.D (-905) (-)

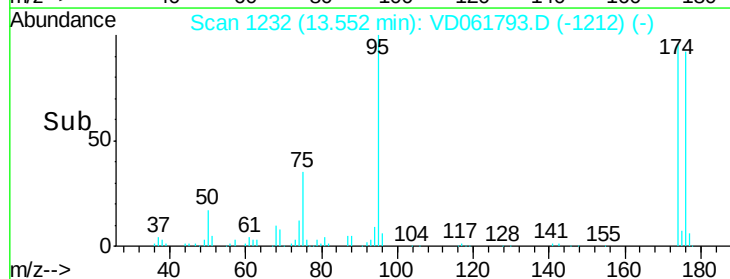
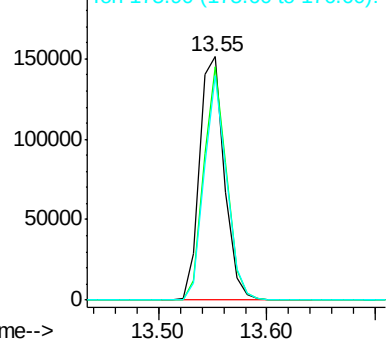


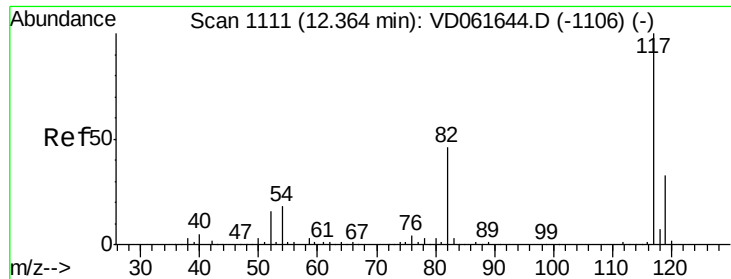
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD061793.D
Acq: 13 Apr 2019 00:15

Tgt Ion: 95 Resp: 241211
Ion Ratio Lower Upper
95 100
174 96.0 0.0 164.6
176 92.4 0.0 165.0



Abundance Ion 95.00 (94.70 to 95.70): VD061644.D (-1227) (-)
Ion 173.90 (173.60 to 174.60): VD061644.D (-1227) (-)
Ion 175.90 (175.60 to 176.60): VD061644.D (-1227) (-)

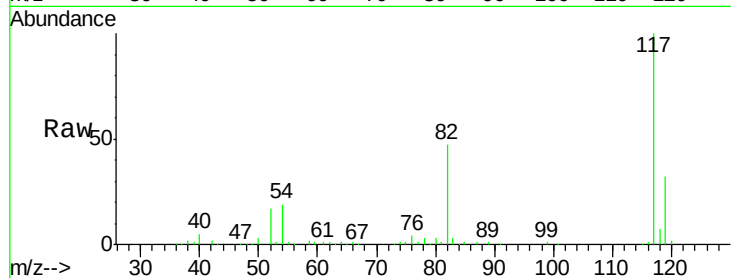




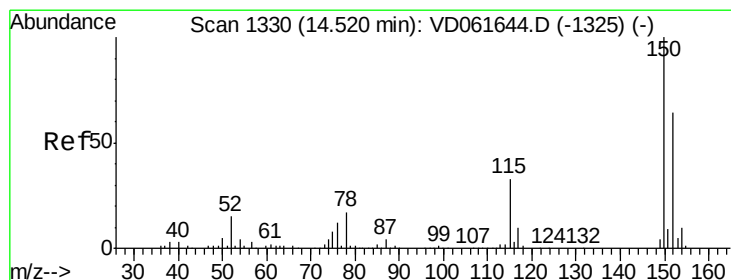
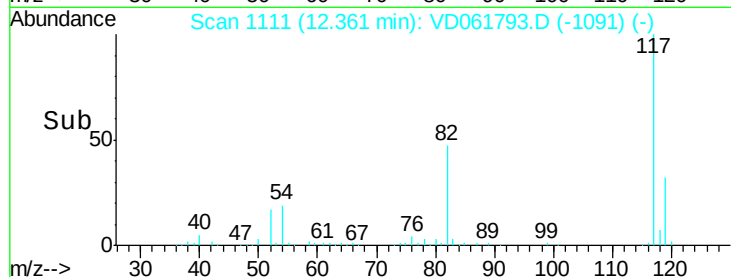
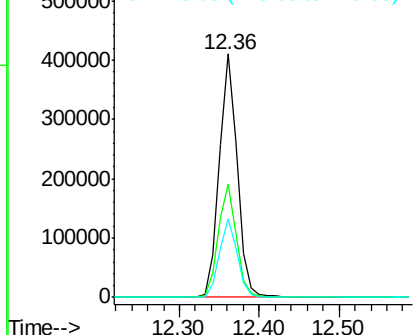
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061793.D
Acq: 13 Apr 2019 00:15

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 658217
Ion Ratio Lower Upper
117 100
82 46.6 36.8 55.2
119 32.1 26.1 39.1

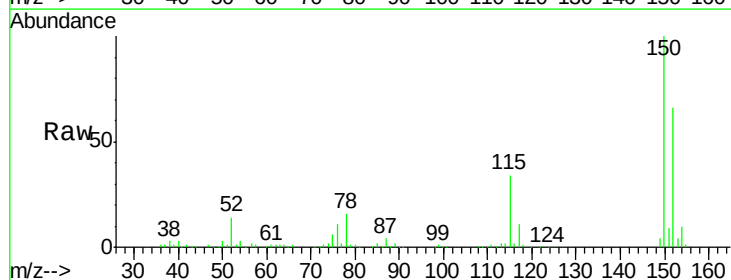


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

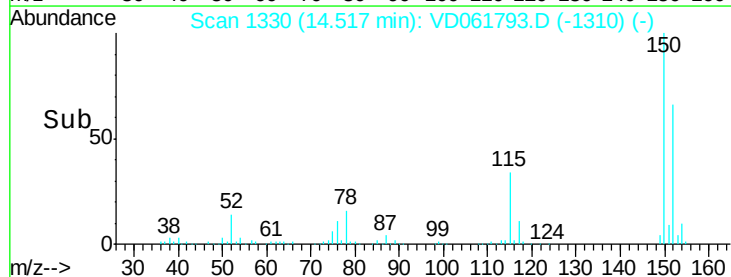
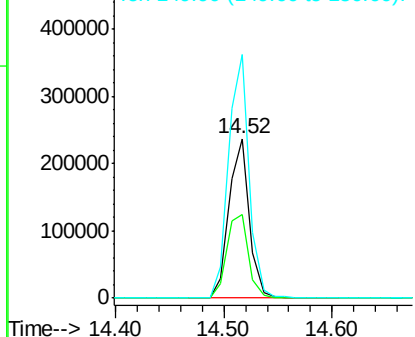


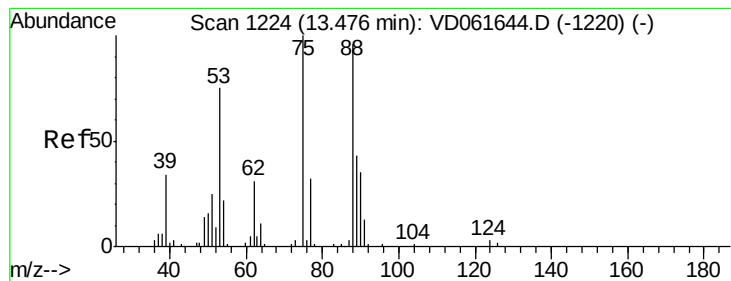
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061793.D
Acq: 13 Apr 2019 00:15

Tgt Ion:152 Resp: 309255
Ion Ratio Lower Upper
152 100
115 52.1 26.4 79.2
150 152.6 0.0 320.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 70.114 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.07 min

Lab File: VD061793.D

Acq: 13 Apr 2019 00:15

Instrument :

MSVOA_D

ClientSampleId :

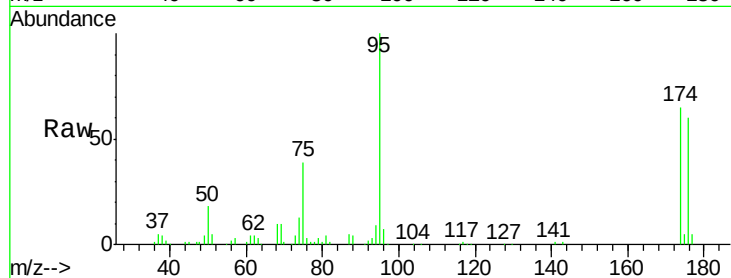
Tot Ion: 75 Resp: 89519

Ion Ratio Lower Upper

75 100

53 0.0 60.2 90.2#

89 0.0 34.2 51.2#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

